

03C0

#6



ENTERED

OIPE

## RAW SEQUENCE LISTING

DATE: 08/27/2002

PATENT APPLICATION: US/10/082,804

TIME: 10:49:59

Input Set : A:\02-329-A SequenceListing.txt

Output Set: N:\CRF3\08272002\J082804.raw

```

3 <110> APPLICANT: McConlogue, Lisa
4   Gurney, Mark E.
6 <120> TITLE OF INVENTION: Transgenic Knockouts of BACE-1
8 <130> FILE REFERENCE: MBHB 02-329-A
10 <140> CURRENT APPLICATION NUMBER: US 10/082,804
11 <141> CURRENT FILING DATE: 2002-02-22
13 <150> PRIOR APPLICATION NUMBER: 60/271,092
14 <151> PRIOR FILING DATE: 2001-02-23
16 <150> PRIOR APPLICATION NUMBER: 60/271,514
17 <151> PRIOR FILING DATE: 2001-02-26
19 <150> PRIOR APPLICATION NUMBER: 60/293,762
20 <151> PRIOR FILING DATE: 2001-05-25
22 <160> NUMBER OF SEQ ID NOS: 7
24 <170> SOFTWARE: PatentIn version 3.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 21
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: PCR primer for probe B.
34 <400> SEQUENCE: 1
35 gacagatgaa ttcctatctt g                               21
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 21
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: PCR primer for probe B.
46 <400> SEQUENCE: 2
47 gtctcttcct catcaactgt c                               21
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 21
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: PCR primer for probe P.
58 <400> SEQUENCE: 3
59 cggagcccaa ctgtcaaaaa g                               21
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 18
64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/082,804

DATE: 08/27/2002

TIME: 10:49:59

Input Set : A:\02-329-A SequenceListing.txt

Output Set: N:\CRF3\08272002\J082804.raw

```

68 <223> OTHER INFORMATION: PCR primer for probe P.
70 <400> SEQUENCE: 4
71 ccaaccgtgc cctcctgc                                     18
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 20
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: PCR primer for hybridization probe
82 <400> SEQUENCE: 5
83 gtgtcatgta actcaggctg                                     20
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 22
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: PCR primer for hybridization probe.
94 <400> SEQUENCE: 6
95 ggtaatctat gcagagcact tg                                   22
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 42
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <220> FEATURE:
104 <223> OTHER INFORMATION: A-beta 42 sequence.
107 <400> SEQUENCE: 7
109 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
110 1          5          10          15
113 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
114          20          25          30
117 Gly Leu Met Val Gly Gly Val Val Ile Ala
118          35          40

```

VERIFICATION SUMMARY

DATE: 08/27/2002

PATENT APPLICATION: US/10/082,804

TIME: 10:50:00

Input Set : A:\02-329-A SequenceListing.txt

Output Set: N:\CRF3\08272002\J082804.raw